

DERWENT- 1998-167640

ACC-NO:

DERWENT- 199815

WEEK:

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TITLE: Composition for protecting corneal epithelium during emergency eye surgery - contains polyethylene oxide in a balanced acetate-nitrate of phosphate buffer

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PRIORITY-DATA: 1994RU-0011257 (April 6, 1994)

**PATENT-FAMILY:**

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
RU 2086217 C1	August 10, 1997	N/A	004	A61F 009/00

**APPLICATION-DATA:**

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
RU 2086217C1	N/A	1994RU-0011257	April 6, 1994

INT-CL (IPC): A61F009/00

ABSTRACTED-PUB-NO: RU 2086217C

**BASIC-ABSTRACT:**

A composition for protecting corneal epithelium during the emergency eye surgery consists of a 0.5-10 wt.% solution of polyethylene oxide in a balanced acetate-nitrate or phosphate buffer of pH 6.8-7.8. The acetate-nitrate buffer contains (in g/l): sodium chloride 6.15, sodium acetate 3.9, sodium nitrate 1.7 and water the rest, and phosphate buffer contains (in g/l): sodium chloride 8.5, sodium hydrogen phosphate 0.24, sodium dihydrogen phosphate 0.04 and water the rest.

USE - In ophthalmology.

ADVANTAGE - The composition is safer and more effective.

CHOSEN- Dwg.0/0

DRAWING:

**TITLE-TERMS:** COMPOSITION PROTECT CORNEA EPITHELIUM EMERGENCY EYE SURGICAL  
CONTAIN POLYETHYLENE OXIDE BALANCE ACETATE NITRATE PHOSPHATE  
BUFFER

**DERWENT-CLASS:** A25 A96 P32